```
FILE 'USPAT' ENTERED AT 09:36:04 ON 17 NOV 1998

   * * * * * *.*.*.*.*.*.* * * * * * * * * * * * * * * * *
   *          .   W E L C O M E    T O    T H E               *
   *          U. S.   P A T E N T   T E X T   F I L E         *
   * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

=> file epo

FILE 'EPO' ENTERED AT 09:36:30 ON 17 NOV 1998

   * * * * * *.* * * * *.*.* * * * * * * * * * * * * * * * * *
   *                        G  P  I                           *
   *    E U R O P E A N   P A T E N T   A B S T R A C T S     *
   * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *


FILE 'EPO' ENTERED AT 09:50:34 ON 17 NOV 1998
=> gomez,daniel/in


=> s gomez,daniel/in

L1               0 GOMEZ,DANIEL/IN
                   (GOMEZDANIEL/IN)

=> e gomez,d?/in

E#      FILE              FREQUENCY   TERM
- .     ----              ---------   ----
E1      EPO                     1     GOMEZ VERONICA M/IN
E2      EPO                     1     GOMEZ WILLIAM/IN
E3      EPO                     0  --> GOMEZD?/IN
E4      EPO                     3     GOMI AKIHIRO/IN
E5      EPO                     2     GOMI CHIKASHI/IN
E6      EPO                    10     GOMI FUKUO/IN
E7      EPO                     1     GOMI FUKUO AZA KAGAMIDA/IN
E8      EPO                     1     GOMI FUKUO C O K K TOYODA JIDO/IN
E9      EPO                     1     GOMI H/IN
E10     EPO                     1     GOMI HARUO/IN
E11     EPO                     1     GOMI HIDEHITO/IN
E12     EPO                     2     GOMI HIDEKI/IN

=> e gomez/in

E#      FILE              FREQUENCY   TERM
- -     ----              ---------   ----
E1      EPO                     1     GOMES SIMOES JOSE/IN
E2      EPO                     1     GOMES UBERO VICENTE/IN
E3      EPO                     0  --> GOMEZ/IN
E4      EPO                     1     GOMEZ A/IN
E5      EPO                     1     GOMEZ ABELICIO/IN
E6      EPO                     2     GOMEZ ACEVEDO HECTOR H/IN
E7      EPO                     1     GOMEZ ACEVEDO HUMBERTO/IN
E8      EPO                     1     GOMEZ ALAIN/IN
E9      EPO                     1     GOMEZ ALBERT/IN
E10     EPO                     2     GOMEZ ALDAN D/IN
E11     EPO                     1     GOMEZ ALDAN DUANE/IN
E12     EPO                     1     GOMEZ ALECHA LAURENTINO/IN
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=> file uspat

FILE 'USPAT' ENTERED AT 10:00:35 ON 17 NOV 1998

    * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
    *                  W E L C O M E   T O   T H E              *
    *           U. S.   P A T E N T   T E X T   F I L E         *
    * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

=> e gomez,d?/in

E#        FILE               FREQUENCY   TERM
--        ----               ---------   ----
E1        USPAT                   1      GOMEZ, WILLIAM/IN
E2        USPAT                   1      GOMEZ, ZAITTER/IN
E3        USPAT                   0  --> GOMEZ,D?/IN
E4        USPAT                   3      GOMI, AKIHIRO/IN
E5        USPAT                   2      GOMI, CHIKASHI/IN
E6        USPAT                  10      GOMI, FUKUO/IN
E7        USPAT                   1      GOMI, FUMIO/IN
E8        USPAT                   1      GOMI, HARUO/IN
E9        USPAT                   1      GOMI, HIDEHITO/IN
E10       USPAT                   3      GOMI, HIDEKI/IN
E11       USPAT                   1      GOMI, HIDESHIGE/IN
E12       USPAT                   2      GOMI, HIDEYUKI/IN

=> s (0 546 956 or 546956 or 0546956)/in

            0 0 546 956/IN
            0 546956/IN
            0 0546956/IN
L2          0 (0 546 956 OR 546956 OR 0546956)/IN

=> s (0 546 956 or 546956 or 0546956)/pn

=> file epo

FILE 'EPO' ENTERED AT 10:02:47 ON 17 NOV 1998

    * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
    *                        G  P  I                            *
    *     E U R O P E A N   P A T E N T   A B S T R A C T S      *
    * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *


=> s (0 546 956 or 546956 or 0546956)/pn

NUMERIC VALUE NOT VALID '0 546 956'

=> s ( 546956 or 0546956)/pn

            1 546956/PN
            1 0546956/PN
L3          1 ( 546956 OR 0546956)/PN

=> d ful


EP000546956A2           Jun. 16, 1993           L3: 1 of 1
```

Expanded and recyclable vegetable material, process for its manufacture
and its use in the fields of fastening, protection, packaging, coating
and board materials.

INVENTOR:   GOMEZ, DANIEL (FR)
            LEFEBVRE, GASTON (FR)
            GERVASON, GEORGES (FR)
            PALASSOF, SIMON (FR)
APPLICANT:  GOMEZ DANIEL (FR)
            TECH DU PAPIER CENTRE (FR)
APPL NO:    EP 92403392
DATE FILED: Dec. 14, 1992
PRIOR-AP:   FR 09115391A   Dec. 12, 1991
INT-CL:     B65D65/46; C08L1/00
EUR-CL:     B32B9/02; C08L1/00; C08L97/02; D21H17/02; D21H27/38;
            D21H27/40

ABSTRACT:

     New, essentially vegetable material which has a density lower than
300 kg/m<3>, the said vegetable material being characterized in that it
contains     (a) vegetable, preferably cellulose, fibres,    (b) a
pulverulent vegetable filler which has a particle size smaller than 1.5
mm and preferably between 0.01 and 0.5 mm and originating from the wood
industry, wood or vegetable scrap and/or from the agri-foodstuffs
industry, and    (c) a starchy substance, preferably a starchy natural
polymer,  and in that it has been expanded under the action of    (d) a
blowing agent incorporated into the mixture of the said fibres, of the
said vegetable filler and of the said starchy substance.

 The invention also relates to the process for the preparation of this
expanded material from the above ingredients (a), (b), (c) and (d), and
to its use especially, on the one hand, in the field of packing,
packaging, coatings and protection and, on the other hand, in the field
of coating supports and for high-bulk paper and board.

=> s (331525 or 659997)/pn

            1 331525/PN
            1 659997/PN
L4          2 (331525 OR 659997)/PN

FILE 'USPAT' ENTERED AT 15:21:57 ON 18 NOV 1998

    * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
    *               W E L C O M E   T O   T H E                      *
    *         U. S.   P A T E N T   T E X T   F I L E          .      *
    * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

=> file epo

FILE 'EPO' ENTERED AT 15:22:10 ON 18 NOV 1998

    * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
    *                        G P I                                   *
    *     E U R O P E A N   P A T E N T   A B S T R A C T S          *
    * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

```
=> s 546956/pn

L1              1 546956/PN

=> s starch (5a) protein  (5a) weight (5a) (percent or per cent) and (paper or
cardboard)

         4056  STARCH
        12515  PROTEIN
        97978  WEIGHT
        19910  PERCENT
        32954  PER
         1461  CENT
         1382  PER CENT
                  (PER(W)CENT)
            2  STARCH (5A) PROTEIN  (5A) WEIGHT (5A) (PERCENT OR PER CENT)
        33730  PAPER
         5248  CARDBOARD
L2            0  STARCH (5A) PROTEIN  (5A) WEIGHT (5A) (PERCENT OR PER CENT)
  AN
              D (PAPER OR CARDBOARD)

=> file uspat

FILE 'USPAT' ENTERED AT 15:46:11 ON 18 NOV 1998

  * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
  *            W E L C O M E   T O   T H E                   *
  *       U. S.   P A T E N T   T E X T   F I L E            *
  * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

=> s 12

        75837  STARCH
        66142  PROTEIN
       768612  WEIGHT
       337982  PERCENT
       745416  PER
        16621  CENT
        13671  PER CENT
                  (PER(W)CENT)
           14  STARCH (5A) PROTEIN  (5A) WEIGHT (5A) (PERCENT OR PER CENT)
       261059  PAPER
        28263  CARDBOARD
L3           2  STARCH (5A) PROTEIN  (5A) WEIGHT (5A) (PERCENT OR PER CENT)
  AN
              D (PAPER OR CARDBOARD)

=> d ti


US PAT NO:      4,171,384 [IMAGE AVAILABLE]              L3: 1 of 2
TITLE:          Combined dry-wet milling process for refining wheat

=> d cit


1.  4,171,384, Oct. 16, 1979, Combined dry-wet milling process for
refining wheat; Vincent P. Chwalek, et al., 426/623; 127/68; 426/630, 635
[IMAGE AVAILABLE]
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